October 6, 2005

VIA EMAIL: shelby@niehs.nih.gov

Dr. Michael D. Shelby
CERHR Director
79 T.W. Alexander Drive
Building 4401, Room 103
Research Triangle Park, NC 27709.

Dear Dr. Shelby:

On September 28, 2005, the American Chemistry Council Phthalate Esters Panel (PE Panel) submitted comments on the August 2005 *Draft Expert Panel Update on the Reproductive and Developmental Toxicity of Di(2-ethylhexyl) Phthalate*. Those comments (p. 3) included an equation for converting concentrations of urinary metabolites to intake of the parent compound, which was given as the following:

$$\text{Daily Intake (mg/kg/day)} = \frac{\text{Urine Concentration (mg/g creatine) x Creatinine Excretion (g/kg/day)}}{\left[\dfrac{\text{MW Diester (g/mol)}}{\text{MW Monoester (g/mol)}}\right] \times \left[\dfrac{\text{Monoester in Urine (mol)}}{\text{Diester Ingested (mol)}}\right]}$$
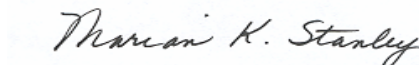
In typing that equation, the positions of the MW Diester and MW Monoester were inadvertently reversed. The PE Panel apologies for this error. A correct formulation of the equation is as follows:

$$\text{daily intake}\,(\mu\text{g/kg/day}) = \left(\frac{\text{urine conc.}(\mu\text{g/g creatinine}) \times \text{creatinine excretion}\,(\text{g/kg/day}) \times \text{mol wt diester}\,(\text{g/mol})}{\text{mol w. monoester}\,(\text{g/mol}) \times \left(\dfrac{\text{mol monoester in urine}}{\text{mol diester ingested}}\right)}\right)$$

The correct formula will also be included in Dr. David's presentation to the CERHR Expert Panel on October 10, 2005.

If you have any questions, please call me at (703) 741-5623, or email at Marian_Stanley@americanchemistry.com.

Sincerely,

Marian K. Stanley

Marian K. Stanley
Senior Director, CHEMSTAR
Manager, Phthalate Esters Panel

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